



Water-Data Report 2008

444904074455201 Local number St-40, near Brasher Falls NY

Sand and gravel aquifers (glaciated regions)
Lake Deposits

St. Lawrence County, NY

LOCATION.--Lat 44°49'04", long 74°45'52" referenced to North American Datum of 1927, St. Lawrence County, NY, Hydrologic Unit 04150306, near Brasher Falls.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 11.4 ft. Upper casing diameter 36 in; top of first opening 12 ft. Depth filled in from original depth of 12 ft, concrete cased to 12 ft, open end. Elevation of land-surface datum is 300 ft above NGVD of 1929, from topographic map.

PERIOD OF RECORD.--May 1953 to August 1995, December 1996 to current year.

GAGE.--Water-stage recorder--hourly. Prior to March 2002, tape gage read weekly by observer.

REMARKS.--Satellite water-level telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 2.93 ft below land-surface datum, Apr. 12, 2008; lowest water level, 9.38 ft below land-surface datum, Oct. 24, 1964.

EXTREMES FOR CURRENT YEAR.--Highest water level, 2.93 ft below land-surface datum, Apr. 12; lowest water level, 8.01 ft below land-surface datum, Oct. 6.

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DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	7.84	6.51	5.76	5.74	5.45	5.53	5.12	4.20	4.83	5.21	5.67	5.87
2	7.86	6.51	5.73	5.75	5.46	5.60	4.80	4.26	4.71	5.25	5.68	5.92
3	7.89	6.50	5.70	5.78	5.49	5.59	4.66	4.30	4.68	5.29	5.55	5.97
4	7.94	6.51	5.72	5.76	5.51	5.48	4.53	4.36	4.67	5.32	5.41	6.02
5	7.98	6.53	5.76	5.77	5.49	5.38	4.44	4.42	4.62	5.36	5.36	6.07
6	8.00	6.54	5.82	5.78	5.50	5.38	4.22	4.46	4.45	5.41	5.37	6.12
7	7.97	6.58	5.85	5.73	5.51	5.37	3.91	4.51	4.24	5.45	5.34	6.16
8	7.93	6.61	5.88	5.50	5.53	5.34	3.68	4.55	4.31	5.51	5.26	6.20
9	7.89	6.63	5.93	5.08	5.53	5.38	3.47	4.59	4.44	5.47	5.21	6.22
10	7.86	6.66	5.95	4.72	5.53	5.42	3.22	4.63	4.55	5.37	5.22	6.24
11	7.85	6.69	5.97	4.67	5.58	5.41	3.25	4.66	4.60	5.34	5.27	6.26
12	7.82	6.71	5.99	4.67	5.59	5.41	3.02	4.71	4.66	5.35	5.32	6.29
13	7.78	6.73	6.02	4.68	5.57	5.45	3.04	4.76	4.71	5.37	5.39	6.32
14	7.76	6.74	6.04	4.71	5.62	5.47	3.21	4.80	4.77	5.39	5.45	6.31
15	7.74	6.75	6.08	4.79	5.63	5.48	3.31	4.84	4.83	5.45	5.52	6.30
16	7.74	6.69	6.04	4.89	5.67	5.52	3.35	4.88	4.88	5.51	5.52	6.29
17	7.74	6.66	6.10	4.94	5.65	5.57	3.30	4.90	4.94	5.57	5.54	6.30
18	7.75	6.65	6.15	4.97	5.53	5.54	3.33	4.94	4.99	5.60	5.57	6.34
19	7.75	6.64	6.17	5.03	5.35	5.49	3.39	4.97	5.01	5.57	5.32	6.37
20	7.58	6.61	6.20	5.09	5.31	5.42	3.48	4.95	4.91	5.48	5.14	6.39
21	7.35	6.57	6.22	5.15	5.30	5.33	3.61	4.98	4.89	5.40	5.14	6.43
22	7.24	6.48	6.24	5.15	5.29	5.27	3.72	5.02	4.94	5.36	5.22	6.46
23	7.18	6.33	6.22	5.20	5.32	5.26	3.82	5.05	5.00	5.36	5.31	6.49
24	7.10	6.20	6.06	5.24	5.35	5.27	3.92	5.08	5.02	5.39	5.39	6.52
25	7.02	6.11	5.97	5.28	5.38	5.26	4.00	5.10	5.05	5.43	5.46	6.56
26	6.94	6.06	5.93	5.32	5.40	5.26	4.07	5.12	5.07	5.47	5.53	6.59
27	6.86	6.00	5.90	5.35	5.43	5.24	4.14	5.16	5.11	5.48	5.59	6.60
28	6.78	5.95	5.90	5.38	5.50	5.22	4.15	5.20	5.13	5.53	5.65	6.61
29	6.66	5.86	5.87	5.38	5.54	5.24	4.01	5.22	5.14	5.59	5.71	6.62
30	6.57	5.79	5.83	5.40	---	5.25	4.09	5.26	5.17	5.63	5.76	6.63
31	6.53	---	5.77	5.47	---	5.21	---	5.15	---	5.65	5.81	---
Mean	7.51	6.46	5.96	5.24	5.48	5.39	3.81	4.81	4.81	5.44	5.44	6.32
Max	8.00	6.75	6.24	5.78	5.67	5.60	5.12	5.26	5.17	5.65	5.81	6.63
Min	6.53	5.79	5.70	4.67	5.29	5.21	3.02	4.20	4.24	5.21	5.14	5.87

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